HP INDIGO
DIGITAL PRESS

7K

The HP Indigo 7K Digital Press enables endless applications—and customer satisfaction—with the widest range of media and over 20 specialty inks. Simplify production with smart, automated tools while printing offset-matching quality and high volumes day in, day out with this truly robust press.

ONE PRESS, ENDLESS OPPORTUNITIES.

Add premium HP Indigo printing and watch your business grow.

Dare to Imagine
new business opportunities
in commercial print

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HP Indigo is redefining the role of digital with advances that blur the boundaries between all forms of print production. Digital isn't just for short runs anymore, longer runs can now affordably utilize digital flexibility. You get the look, feel and operational familiarity of offset, and labor-saving automation, at speeds that are already leading the market. It's your turn to thrive in a marketplace booming with new, high-margin ways to grow. With HP Indigo, you can start moving ahead of your competitors today.

Step up to endless applications and opportunities

Expand your capabilities and open up unlimited new business opportunities with the virtually endless range of high-value applications you can produce using the widest range of specialty inks and media

- Expand into new business opportunities with the widest substrate range in the industry[1] from black and colored media to metalized substrates and synthetics.

- Deliver premium applications on thick media up to 550 microns.

- Access millions of color combinations and 97% of the color gamut with seven ink stations and unlimited spot colors. Stand out with over 20 specialty inks like silver, invisible yellow, scratch off, fluorescents, and many more.

- Enter high-value markets like security, heat transfer, and photo printing with specialty inks and unique substrates.

- Print continuously and easily with automatic print queue optimization and a press that lets you print and proof in parallel.

- Increase press availability and keep production moving with automatic detection of print-quality defects.

- Easily match colors across HP Indigo presses, sites, and between HP Indigo and offset with automatic color calibration algorithms.

Simple, smart production

Streamline operations with simple, smart, and automated tools that improve press availability and make using your press much easier. Simplify production and print hundreds of profitable jobs every day.

Build your future on the best quality

Differentiate and future-ready your business with best-in-class image quality and robustness. Get the look and feel of offset and accommodate high volumes, and keep your press up and running well into the future.

- HP Indigo image quality with the look and feel of offset.

- Run high volumes day in and day out—and for years to come—with this press's robust build and high duty cycle up to 5 million pages per month.

- Keep your press in top condition by identifying technical issues before they occur thanks to machine learning algorithms.

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7K DIGITAL PRESS ◼

[1] Compared to alternative SRA3 digital commercial solutions as of November, 2019.

PrintOS^X	SERVICES	MEDIA	HP INDIGO SECURE	SUSTAINABILITY
Unleash the performance of your HP Indigo press with a suite of solutions that enables you to create your Print Factory of the future.	Enable your operator to get the most out of your press by building his self-sufficiency through knowledge, an on-press platform and expert support.	Lead, innovate and create distinct and incredible products for your customers with the most diverse media on hand.	Apply never-seen-before adaptive security solutions that provide multi-layered digital protection in just one pass.	Step right into the forefront by exceeding your customers' demands and lead a new era of responsible printing.

HP Indigo 7K Digital Press
Technical specifications

Printing speed	120 four-color 8.5 x 11 (A4) pages per minute - two-up 160 color 8.5 x 11 (A4) pages per minute in EPM - two-up 240 two-color or monochrome 8.5 x 11 (A4) pages per minute - two-up
Image resolution	812 dpi at 8 bit; addressability: 2438 x 2438 dpi HDI (High Definition Imaging)
Line screens	144, 160, 175, 180, 180m, 210, HMF200 lpi
Sheet size	13 x 19 in (330 x 482 mm) maximum
Image size	12.48 x 18.26 in (317 x 464 mm) maximum
Paper weight and thickness*	Coated: 55 lb text to 130 lb cover (80 to 350 gsm); Uncoated: 40 lb text to 130 lb cover (60 to 350 gsm); Thickness 3 to 16 pt. (70 to 400 microns)
Feeder	Four drawers: Three drawers with 6 in (150 mm) each, 1500 sheets of 80 lb text (120 gsm) each One special jobs drawer: 2.5 in (70mm), 700 sheets of 80 lb text, (700 sheets of 120 gsm) A total of 5200 sheets of 80 lb text (120 gsm). All drawers support the full range of substrates
Stacker	Main stacking tray with 23.6 in (600 mm) stack height; supports offset jogging, 6100 sheets of 80 lb text (6100 sheets of 120 gsm); Proof tray with 2.36 in (60 mm) stack height, 600 sheets of 80 lb text (600 sheets of 120 gsm)
Print servers (DFE)	PrintOS Production Pro for commercial
Press dimensions	Length: 214.3 in (5443 mm); Width: 90.5 in (2298 mm); Height: 82.8 in (2104 mm)
Press weight	7300 lb (3300 kg)
Cloud connectivity	Via HP PrintOS^x
HP Indigo Optimizer	Automatic prioritization of the job queue
HP Indigo ElectroInks	
Standard 4-color printing	Cyan, Magenta, Yellow, and Black
5-color printing	Via the 5th ink station
HP IndiChrome 6-color printing	Cyan, Magenta, Yellow, Black, Orange, and Violet
HP IndiChrome Plus 7-color printing	Cyan, Magenta, Yellow, Black, Orange, Violet, and Green
Specialty inks	Silver, Premium White, Fluorescent Pink/Orange/Yellow/Green, Transparent, Digital matte, Invisible Yellow, Invisible Red, Primer, Easy Release, Light Light Black, Light Cyan, Light Magenta, Vivid Pink and Vivid Green.
HP IndiChrome off-press spot inks	HP IndiChrome Ink Mixing System (IMS) for spot color creation using CMYK as well as Orange, Violet, Green, Reflex Blue, Rhodamine Red, Bright Yellow, and Transparent
PANTONE® color	Supports PANTONE PLUS®, PANTONE MATCHING SYSTEM®, and PANTONE Goe™ HP Professional PANTONE Emulation Technology using CMYK on-press; HP IndiChrome on press; HP IndiChrome Plus on-press; HP IndiChrome off-press (IMS) for achieving up to 97% of the PANTONE® color range.
Options	
Print server (DFE)	HP SmartStream Ultra Print Server
Expanded color capabilities	6 or 7 on-press ink stations; HP IndiChrome Ink Mixing System
Auto Alert Agent	Enables on-press alert system
White ink	Enables use of ElectroInk Premium White ink
Special effects kit	Enables creation of on-demand, on-press high-value applications
Thick substrate kit	Supports paperboards up to 22 pt. (550 microns/650gsm)
One Shot process kit	Enables printing on synthetics using One Shot technology
Additional feeder	One additional feeder with three drawers, each with 7 in (180 mm)of media.

* Media characteristics vary. If the media you are about to use is not listed in the Media Locator, HP cannot guarantee performance and we recommend that you test it prior to use.

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